GOVERNMENT OF INDIA
WATER RESOURCES
LOK SABHA

UNSTARRED QUESTION NO:5061
ANSWERED ON:27.08.2001
WATER CATCHMENT CAPACITY
P.D. ELANGOVAN

Will the Minister of WATER RESOURCES be pleased to state:

(a) whether the Government have any proposal to deepen the rivers, lakes and ponds in the country to improve the water catchment capacity;

(b) if so, the details thereof;

(c) the details of water catchment capacity and water storage capacity at present, State-wise; and

(d) the average utility of water in the country, State-wise ?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SMT. BIJOYA CHAKRAVARTY)

(a) & (b) Water, being a state subject, water resources development projects are planned, executed and financed by the State Governments in accordance with their own priorities. As such, the State Governments have been taking up schemes to deepen irrigation tanks as per their requirement and from their plan funds or through external financial assistance.

(c) & (d) The water catchment capacity of a catchment (basin or sub- basin) can be considered as the total run-off in term of volume, resulting from the rainfall in the catchment. The water resources are assessed basinwise. As per the latest assessment made by the Central Water Commission, the average annual flow in the river systems of the country is about 1869 Billion Cubic Metre (BCM)A total live storage capacity of 177 BCM has been created up to 1995 with the constructionof major and medium dams. A live storage capacity of 75 BCM is likelyto be created on completion of the dams, which are under various stages of construction. Proposals to take up additional dams to create a live storage capacity of 132 BCMare also under formulation / consideration. Average utilisable surface water in the country is 690 BCM.Details of the basin wise average annual flow, the live storage capacity of reservoirs and utilisable surface water in the country, are given in Annex.

ANNEX -

ANNEX REFERRED TO IN REPLY TO LOK SABHA UNSTARRED QUESTION NO.50

BASINWISE WATER AVAILABILITY AND STORAGES IN INDIA

Sl.No.	Name of the River	Bas	Catchment Avera	Live Storage Capacity (billio		Utilisa	Complete	Project	Total	Projects under C
A	MAJOR RIVER BASINS									
1	Indus		32.13	73.31	13.83	2.45	16.29	0.27		46
2	(a) Ganga		86.15	525.02	36.84	17.12	53.96	29.56		250
(b)	Brahamputra & Bar		23.61	585.60	1.09	2.40	3.49	63.35		24
3	Brahamani & Baitarni		5.18	28.48	4.76	0.24	5.00	8.72		18.3
4	Mahanadi		14.16	66.88	8.49	5.39	13.88	9.99		50
5	Godavari		31.28	110.54	19.51	10.65	30.16	8.28		76.3
6	Krishna		25.89	78.12	34.48	7.78	42.25	0.13		58
7	Pennar		5.52	6.32	0.38	2.13	2.51			6.9
8	Cauvery		8.12	21.36	7.43	0.39	7.82	0.34		19
9	Tapi		6.51	14.88	8.53	1.01	9.54	1.99		14.5
10	Narmada		9.88	45.64	6.60	16.72	23.32	0.47		14.5
11	Mahi		3.48	11.02	4.75	0.36	5.11	0.02		3.1
12	Sabarmati		2.17	3.81	1.35	0.12	1.47	0.09		1.9

B COMPOSITE RIVER BASINS

1	Subernarekha	2.92	12.37	0.66	1.65	2.31	1.59	6.8
2	West Flowing Rivers o	32.19	15.10	4.31	0.58	4.89	3.15	15
3	West Flowing Rivers f	5.62	113.53	10.24	2.31	12.55	1.70	24.3
4	West Flowing Rivers f	5.29	87.41	7.10	2.66	9.76	0.84	11.9
5	East Flowing Rivers between Ma	22.52		1.63	1.45	3.08	0.86	13.1
6	East Flowing Rivers b	10.01	16.46	1.42	0.02	1.44		16.5
7	Area of inland draina	6.00	Neg.	0.00	0.00	0.00	0.00	0
8	Minor river basins dr	3.63	31.00	0.31	0.00	0.31	0.00	0
TOTAL		328.40	1869.3	173.73	75.42	249.1	132.32	690

Note:
1 Projects having a live storage capacity of 10 million cubic metre and ab
2 An additional live storage capacity of 3 billion cubic metre(approx.) has been created through Medium Projects each having a capacity of less than 10 million cubic metre thus making a total live storage capacity of 177 billion cubic metre in completed projects.
3 Totals may not tally due to rounding off.